

Abstract

The invention concerns a wind power installation. Such wind power installations have long been known. They usually consist of a number of components such as a pylon and a machine housing which is mounted thereon and which accommodates the rotor of the wind power installation and accommodates the generator connected thereto for producing energy. Whenever such wind power installations are located within air traffic zones, that is to say those regions which are directly in the relative proximity of airports, such wind power installations must be provided with certain signalling devices so that the attention of the air traffic is drawn to the existence of the wind power installation as a large structure, in good time.

The object of the invention is to eliminate the previous disadvantages of flight lighting arrangements.

A wind power installation comprising a pylon and a machine housing which is fitted thereon and which carries a rotor and a generator connected thereto, wherein the wind power installation is equipped with a flight lighting arrangement which produces a light which is visible over a long distance, preferably a flashing light, characterised in that the flight lighting arrangement is provided with a cover which very substantially prevents the light from the flight lighting arrangement from being visible in the region of 0 to 2000 m, preferably 0 to 700 m, beside the wind power installation, from the ground.